

WHAT IS CLAIMED IS:

1. A disposable diaper comprising a liquid-permeable topsheet, a liquid-impermeable backsheet and a liquid-absorbent core disposed therebetween so as to form a front waist region, a rear waist region and a crotch region extending therebetween, longitudinally opposite front and rear end flaps and transversely opposite side flaps which are formed by said topsheet and said backsheet extending outward from peripheral edges of said of said absorbent core,

each of barrier cuffs which is being elastically extendable in a longitudinal direction of said diaper being bonded, in an extended condition, to an inner surface of each of said side flaps;

each of said barrier cuff having longitudinally opposite front and rear ends, and inner and outer side edges extending in parallel to each other between said front and rear ends;

said front and rear ends of each of said barrier cuffs being bonded to each of said end flaps;

each of said barrier cuffs has, in said crotch region, said outer side edge bonded to said side flap and said inner side edge bonded to said side flap along a line defined

between said outer side edge and a side edge of said absorbent core;

each of said barrier cuffs sheet has a dimension between said outer and inner side edges selected to be larger than a dimension of said side flap between said outer and inner side edges of each of said barrier cuff so that a contraction of said barrier cuff sheets in the longitudinal direction of said diaper causes an inner surfaces of said barrier cuff to be spaced from the inner surface of said side flap at least in said crotch region and thereby a hollow space being formed between said barrier cuff and said side flap; and

portions of said barrier cuffs and said side flaps participating in formation of said hollow spaces are air-permeable.

2. A disposable diaper according to Claim 1, wherein elastic members are bonded, in an extended condition in the longitudinal direction of said diaper, to each of said barrier cuffs in a zone thereof extending between said outer and inner side edges rather adjacent said outer side edge and thereby said barrier cuff is made elastically extendable in the longitudinal direction of the diaper.

3. A disposable diaper according to Claim 1, wherein both said barrier cuffs and said flaps are made of air-permeable and liquid-impermeable material.

4. A disposable diaper according to any one of Claim 1, wherein said barrier cuff has a dimension between said outer and inner side edges being 1.2 ~ 2.0 times of a dimension of said side flap similarly between said outer and inner side edges.